

Title (en)
PULP PUMP

Title (de)
PUMPE FÜR PAPIERBREI

Title (fr)
POMPE A PATE A PAPIER

Publication
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Application
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Priority
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Abstract (en)
[origin: WO9966209A1] A centrifugal pump for pumping a pulp suspension where the pump comprises a housing (10) with an inlet and an outlet for the pulp suspension, and an impeller on a rotary shaft (13) with pump blades (15) extending from a hub (16) outward along a wheel disk (17). Openings (19) for the discharge of gas are formed in the wheel disk (17). The hub (16) behind the wheel disk (17) is provided with vacuum pump blades (20), which are surrounded by a vacuum pump housing comprising an outer cylindric wall (22), which is eccentric in relation to the vacuum pump blades (20), and a rear wall (23) with suction port (24) and, respectively, exhaust port (25) for gas. The vacuum pump housing is axially movable for adjusting a gap (31) between the hub (16) and outer wall (22). A gas passage (29) is located outside the outer wall (22) for communication between the openings (19) in the wheel disk (17) and gas suction port (24). The gas exhaust port (25) is connected to a chamber (26) for gas evacuation.

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